

Title (en)

Process for the preparation of carbon monoxide and hydrogen.

Title (de)

Verfahren zur Herstellung von Kohlenmonoxid und Wasserstoff.

Title (fr)

Procédé pour la préparation du monoxyde de carbon et de l'hydrogène.

Publication

**EP 0645344 A1 19950329 (EN)**

Application

**EP 94202702 A 19940921**

Priority

- EP 94202702 A 19940921
- EP 93202748 A 19930923

Abstract (en)

A process for the preparation of carbon monoxide and hydrogen by the partial oxidation of a hydrocarbon comprises contacting a feed comprising the hydrocarbon, carbon dioxide and an oxygen-containing gas with a catalyst comprising a metal selected from Group VIII of the Periodic Table of the Elements at a gas hourly space velocity of at least 500,000 NL/kg/hr.

IPC 1-7

**C01B 3/38**

IPC 8 full level

**C01B 3/38** (2006.01); **B01J 23/40** (2006.01); **B01J 23/46** (2006.01); **B01J 23/74** (2006.01); **C01B 3/26** (2006.01); **C01B 3/36** (2006.01); **C01B 3/40** (2006.01); **C01B 3/50** (2006.01); **C01B 32/40** (2017.01)

IPC 8 main group level

**B01J** (2006.01); **C01B** (2006.01)

CPC (source: EP KR)

**C01B 3/36** (2013.01 - KR); **C01B 3/386** (2013.01 - EP KR); **C01B 3/40** (2013.01 - KR); **C01B 2203/0261** (2013.01 - EP KR); **C01B 2203/061** (2013.01 - EP); **C01B 2203/062** (2013.01 - EP); **C01B 2203/1011** (2013.01 - EP); **C01B 2203/1029** (2013.01 - EP KR); **C01B 2203/1047** (2013.01 - EP); **C01B 2203/1064** (2013.01 - EP KR); **C01B 2203/1082** (2013.01 - EP); **C01B 2203/1241** (2013.01 - EP); **Y02P 20/52** (2015.11 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

**EP 0645344 A1 19950329; EP 0645344 B1 19980729**; AT E168969 T1 19980815; AU 680286 B2 19970724; AU 7414294 A 19950406; BR 9403803 A 19950523; CA 2132586 A1 19950324; CN 1040526 C 19981104; CN 1104173 A 19950628; CO 4180614 A1 19950607; DE 69412019 D1 19980903; DE 69412019 T2 19990121; DZ 1813 A1 20020217; ES 2119065 T3 19981001; JP H0789701 A 19950404; KR 950008346 A 19950417; MY 131617 A 20070830; NO 943512 D0 19940921; NO 943512 L 19950324; NZ 264499 A 19951221; RU 2136581 C1 19990910; RU 94034103 A 19960727; SG 49079 A1 19980518; ZA 947334 B 19950510

DOCDB simple family (application)

**EP 94202702 A 19940921**; AT 94202702 T 19940921; AU 7414294 A 19940921; BR 9403803 A 19940921; CA 2132586 A 19940921; CN 94116441 A 19940923; CO 94042826 A 19940921; DE 69412019 T 19940921; DZ 940102 A 19940921; ES 94202702 T 19940921; JP 25162394 A 19940921; KR 19940023872 A 19940922; MY PI9402508 A 19940921; NO 943512 A 19940921; NZ 26449994 A 19940921; RU 94034103 A 19940922; SG 1996005834 A 19940921; ZA 947334 A 19940921